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Water-Data Report NV-2005

393823119424507 Local number 085 N21 E20 35CBAC9 LYSIMETER 4 DEEP

Basin and Range basin-fill aquifers
Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'29.4", long 119°42'45.3" referenced to North American Datum of 1983, in NE ¼ NW ¼ SW ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 14 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc-tance, wat unf lab, uS/cm 25 degC (90095)	Chlor-ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	1330	Interstitial water	677	49.2	2.23	66.2	.053	62.3
Nov								
02...	1350	Interstitial water	692	47.3	1.16	55.8	.017	56.6
02...	1355	Interstitial water	694	47.0	1.16	56.7	.024	55.9
Dec								
08...	1211	Interstitial water	511	37.5	.64	40.2	.030	42.2
Mar								
01...	1406	Interstitial water	629	32.5	.10	60.0	<.008	60.5
Apr								
05...	1400	Interstitial water	830	51.9	.09	73.3	.012	74.8
May								
04...	1023	Interstitial water	594	34.8	.08	60.9	.009	58.4
Jun								
01...	1040	Interstitial water	792	40.2	.06	61.4	.008	59.6
Jul								
06...	1003	Interstitial water	934	37.9	.07	90.8	.009	87.2
Aug								
03...	0900	Interstitial water	1,020	42.0	.11	96.2	.014	106
Sep								
08...	0859	Interstitial water	1,300	40.7	.31	150	.230	162